



Home Office: Great Bend, Kansas
P. O. Box 793 Gladstone 3-7903

26-25-23a
Company Abercrombie Drilling, Inc. Lease & Well No. Ballinger #1
Elevation 2333 Derrick Floor Formation Arb. Ticket Number 8267
Date May 10, 1965 Sec. 26 Twp. 2 Range 23 County Norton State Kansas
Test Approved by Jack K. Wharton Western Representative Don Favinger

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3636' to 3643' Total Depth 3643'
Size Main Hole 6 3/4" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. ☐ Damaged Yes ☒ No
Top Packer Depth 3632 Ft. Size 5 1/2" Packer Depth 3636 Ft. Size 5 1/2"
Straddle Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged Yes ☐ No
Packer Depth Ft. Size

Tool Size 4 1/2" Tool Jt. Size 3 1/2" FH Anchor Length 7 Ft. Size 4 1/2"
RECORDERS Depth 3629 Ft. Clock No. 6895 Depth 3641 Ft. Clock No. 104
Top Make Kuster Cap. 3150 No. 1561 Inside Bottom Make Western Cap. 4000 No. 26 Inside
Below Straddle: Depth Clock No. Inside Depth Ft. Clock No. Inside
Top Make Cap. No. Inside Bottom Make Cap. No. Inside

Time Set Packer 9:18 P M
Tool Open I.F.P. From 9:20 M to 9:30 M Hr. 10 Min. From (B) 14 P.S.I. To (C) 14 P.S.I.
Tool Closed I.C.I.P. From 9:30 M to 10:00 M Hr. 30 Min. (D) 554 P.S.I.
Tool Open F.F.P. From 10:00 M to 11:00 M Hr. 1 Min. From (E) 14 P.S.I. To (F) 14 P.S.I.
Tool Closed F.C.I.P. From 11:00 M to 11:30 M Hr. 30 Min. (G) 127 P.S.I.
Initial Hydrostatic Pressure (A) 1953 P.S.I. Final Hydrostatic Pressure (H) 1922 P.S.I.

SURFACE Size Choke 3/8 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION

BLOW Weak ten minute blow. Bottom Choke Size 3/4 In.

Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 15' oil cut mud

Reversed Out Yes ☒ No ☐ Mud Type chemical Viscosity 41 Weight 10. Maximum Temp. 96 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint Jars: Size Make Ser. No.

Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes

Length Drill Pipe 2551 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe ft. I.D. Weight Pipe in. Length Drill Collars 60 ft.

I. D. Drill Collars 2.6 in. Length D.S.T. Tool 32 ft.

Remarks Flushed tool once.

WESTERN TESTING CO., INC.

Pressure Data

Date May 10, 1965 Test Ticket No. 8267
 Recorder No. 1561 Capacity 3200 Location 3629 Ft.
 Clock No. 6895 Elevation 2333 Derrick Floor Well Temperature 96 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>1953</u> <u>±5</u> P.S.I.		<u>9:18 P</u> <u>M</u>	
B First Initial Flow Pressure <u>14</u> P.S.I.		<u>10</u> Mins. <u>10</u> Mins.	
C First Final Flow Pressure <u>14</u> P.S.I.		<u>30</u> Mins. <u>27</u> Mins.	
D Initial Closed-in Pressure <u>554</u> P.S.I.		<u>60</u> Mins. <u>60</u> Mins.	
E Second Initial Flow Pressure <u>14</u> P.S.I.		<u>30</u> Mins. <u>27</u> Mins.	
F Second Final Flow Pressure <u>14</u> P.S.I.			
G Final Closed-in Pressure <u>127</u> P.S.I.			
H Final Hydrostatic Mud <u>1922</u> P.S.I.			

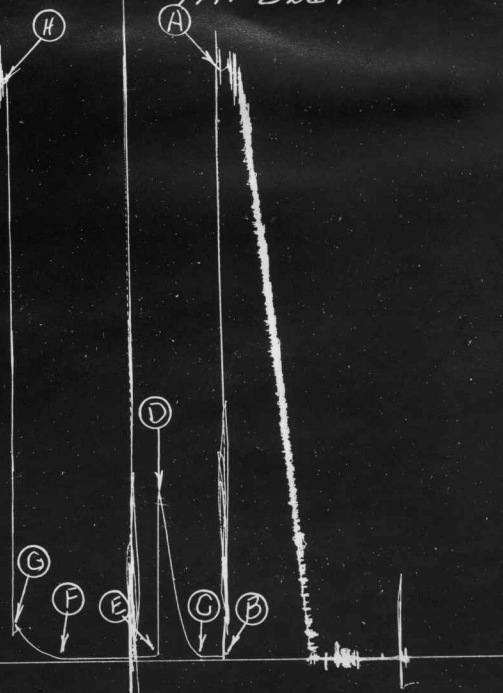
PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>9</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>14</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>14</u>
P 2 <u>5</u>	<u>14</u>	<u>3</u>	<u>26</u>	<u>5</u>	<u>14</u>	<u>3</u>	<u>17</u>
P 3 <u>10</u>	<u>14</u>	<u>6</u>	<u>48</u>	<u>10</u>	<u>14</u>	<u>6</u>	<u>23</u>
P 4		<u>9</u>	<u>86</u>	<u>15</u>	<u>14</u>	<u>9</u>	<u>29</u>
P 5		<u>12</u>	<u>147</u>	<u>20</u>	<u>14</u>	<u>12</u>	<u>37</u>
P 6		<u>15</u>	<u>233</u>	<u>25</u>	<u>14</u>	<u>15</u>	<u>47</u>
P 7		<u>18</u>	<u>335</u>	<u>30</u>	<u>14</u>	<u>18</u>	<u>62</u>
P 8		<u>21</u>	<u>451</u>	<u>35</u>	<u>14</u>	<u>21</u>	<u>76</u>
P 9		<u>24</u>	<u>536</u>	<u>40</u>	<u>14</u>	<u>24</u>	<u>98</u>
P10		<u>27</u>	<u>554</u>	<u>45</u>	<u>14</u>	<u>27</u>	<u>127</u>
P11				<u>50</u>	<u>14</u>		
P12				<u>55</u>	<u>14</u>		
P13				<u>60</u>	<u>14</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Abercrombie Drilg. Inc.
Ballinger #1

Test #1

TKT#3267

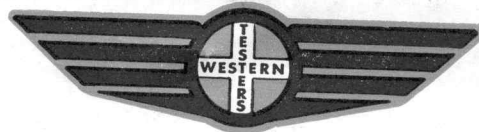


This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1953	PSI
(B)	First Initial Flow Pressure	14	PSI
(C)	First Final Flow Pressure	14	PSI
(D)	Initial Closed-in Pressure	554	PSI
(E)	Second Initial Flow Pressure	14	PSI
(F)	Second Final Flow Pressure	14	PSI
(G)	Final Closed-in Pressure	127	PSI
(H)	Final Hydrostatic Mud	1922	PSI



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26-25-23
Company Abercrombie Drilling, Inc.

Elevation 2333 Derrick Floor Formation Arb. Lease & Well No. Ballinger #1

Date May 11, 1965 Sec. 26 Twp. 2 Range 23 Ticket Number 8268

Test Approved by Jack K. Wharton County Norton State Kansas

Western Representative Don Favinger

Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 3648' to 3655' Total Depth 3703'

Size Main Hole 6 3/4 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged Yes ☐ No ☐

Straddle ☒ Yes ☐ No ☐ Conv. ☐ B.T. ☒ Damaged Yes ☒ No ☐

Packer Depth 3648 Ft. Size 5 1/2 Packer Depth 3655 Ft. Size 5 1/2

Tool Size 4 1/2 Tool Jt. Size 3 1/2 FH Anchor Length 7 Ft. Size 4 1/2 OD

RECORDERS Depth 3644 Ft. Clock No. 6895 Depth 3652 Ft. Clock No. 104

Top Make Kuster Cap. 3150 No. 1561 Inside Outside Bottom Make Western Cap. 4000 No. 26 Inside Outside

Below Straddle: Depth 3700 Clock No. 25 Inside Outside Depth Ft. Clock No. Inside Outside

Top Make Western Cap. 4000 No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 8:44 7:38 P M

Tool Open I.F.P. From 7:40 M to 7:50 M Hr. 10 Min. From (B) 29 P.S.I. To (C) 29 P.S.I.

Tool Closed I.C.I.P. From 7:50 M. to 8:20 M. Hr. 30 Min. (D) 109 P.S.I.

Tool Open F.F.P. From 8:20 M. to 9:20 M. 1 Hr. Min. From (E) 32 P.S.I. To (F) 32 P.S.I.

Tool Closed F.C.I.P. From 9:20 M. to 9:50 M. Hr. 30 Min. (G) 45 P.S.I.

Initial Hydrostatic Pressure (A) 1990 P.S.I. Final Hydrostatic Pressure (H) 1951 P.S.I.

SURFACE Size Choke 3/8 In. Max. Press. P.S.I. Time Description of Flow

INFORMATION M.

 M.

 M.

BLOW Weak ten minute blow.

Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 8' oil cut mud Bottom Choke Size 3/4 In.

Reversed Out Yes ☒ No ☐ Mud Type chemical Viscosity 44 Weight 10.1 Maximum Temp. 97 °F

EXTRA EQUIPMENT: Dual Packers no Safety Joint Jars: Size Make Ser. No.

Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes

Length Drill Pipe 2663 ft. I.D. Drill Pipe 2.7 in Length Weight Pipe 1000 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 60 ft.

I. D. Drill Collars 2.4 in. Length D.S.T. Tool 80 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date May 11, 1965 Test Ticket No. 8268
 Recorder No. 1561 Capacity 3200 Location 3644 Ft.
 Clock No. 6895 Elevation 2333 Derrick Floor Well Temperature 97 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1990</u> P.S.I.	<u>7:38 P</u> M	
B First Initial Flow Pressure	<u>29</u> P.S.I.	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>29</u> P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>109</u> P.S.I.	<u>60</u> Mins.	<u>58</u> Mins.
E Second Initial Flow Pressure	<u>32</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>32</u> P.S.I.		
G Final Closed-in Pressure	<u>45</u> P.S.I.		
H Final Hydrostatic Mud	<u>1951</u> P.S.I.		

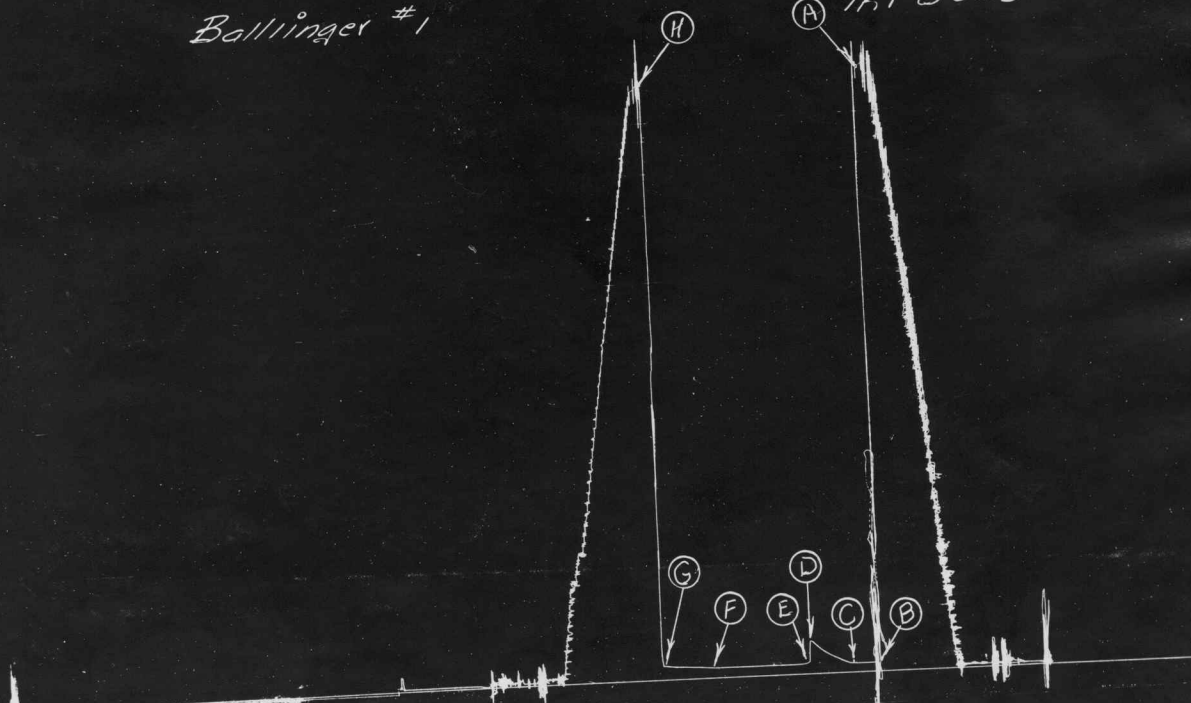
PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>3</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>29</u>	<u>0</u>	<u>29</u>	<u>0</u>	<u>32</u>	<u>0</u>	<u>32</u>
P 2 <u>5</u>	<u>29</u>	<u>3</u>	<u>32</u>	<u>5</u>	<u>32</u>	<u>3</u>	<u>34</u>
P 3 <u>10</u>	<u>29</u>	<u>6</u>	<u>39</u>	<u>10</u>	<u>32</u>	<u>6</u>	<u>36</u>
P 4		<u>9</u>	<u>47</u>	<u>15</u>	<u>32</u>	<u>9</u>	<u>39</u>
P 5		<u>12</u>	<u>52</u>	<u>20</u>	<u>32</u>	<u>12</u>	<u>39</u>
P 6		<u>15</u>	<u>64</u>	<u>25</u>	<u>32</u>	<u>15</u>	<u>40</u>
P 7		<u>18</u>	<u>73</u>	<u>30</u>	<u>32</u>	<u>18</u>	<u>41</u>
P 8		<u>21</u>	<u>87</u>	<u>35</u>	<u>32</u>	<u>21</u>	<u>42</u>
P 9		<u>24</u>	<u>103</u>	<u>40</u>	<u>32</u>	<u>24</u>	<u>43</u>
P 10		<u>27</u>	<u>109</u>	<u>45</u>	<u>32</u>	<u>27</u>	<u>44</u>
P 11				<u>50</u>	<u>32</u>	<u>30</u>	<u>45</u>
P 12				<u>55</u>	<u>32</u>		
P 13				<u>58</u>	<u>32</u>		
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

Abercrombie Drilg. Inc.
Ballinger #1

Test #1

TKT#3268



POINT

PRESSURE

(A) Initial Hydrostatic Mud	1990	PSI
(B) First Initial Flow Pressure	29	PSI
(C) First Final Flow Pressure	29	PSI
(D) Initial Closed-in Pressure	109	PSI
(E) Second Initial Flow Pressure	32	PSI
(F) Second Final Flow Pressure	32	PSI
(G) Final Closed-in Pressure	45	PSI
(H) Final Hydrostatic Mud	1951	PSI